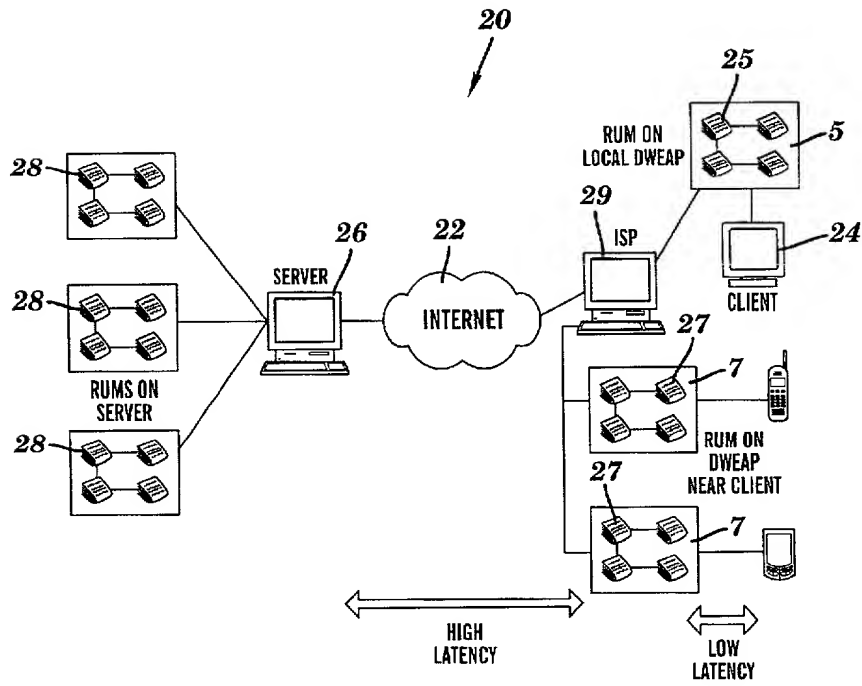
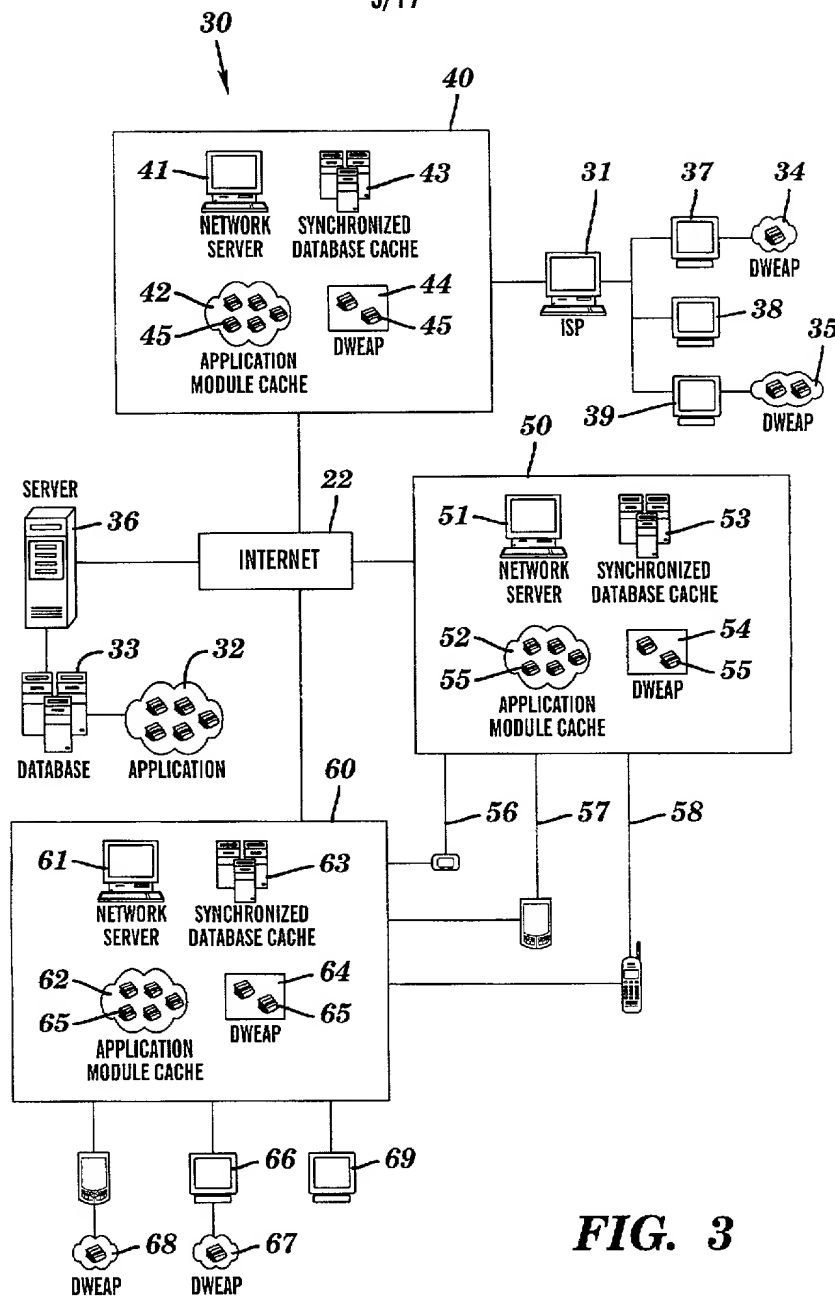


FIG. 1
RELATED ART

**FIG. 2**

**FIG. 3**

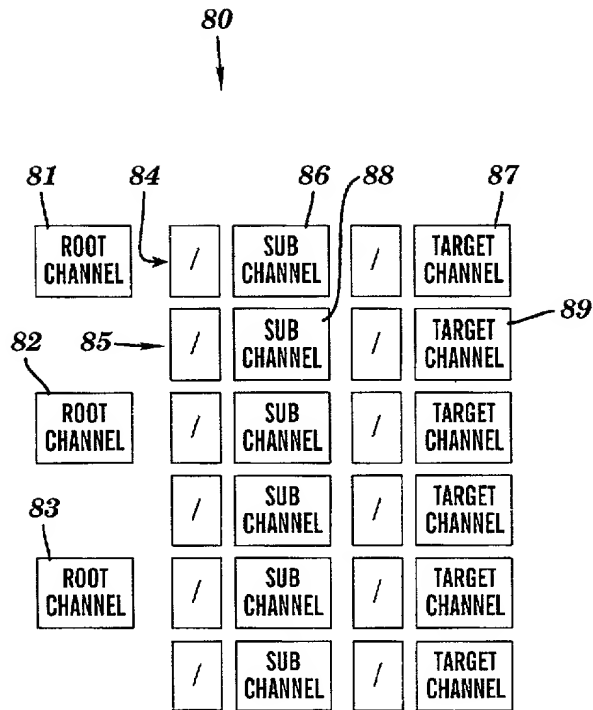


FIG. 4

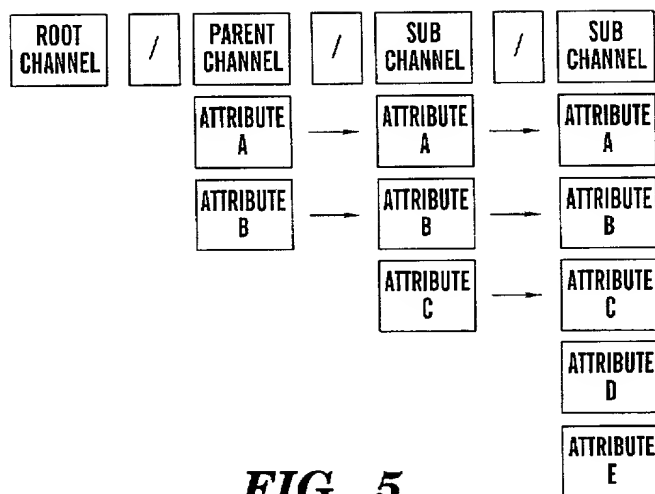


FIG. 5

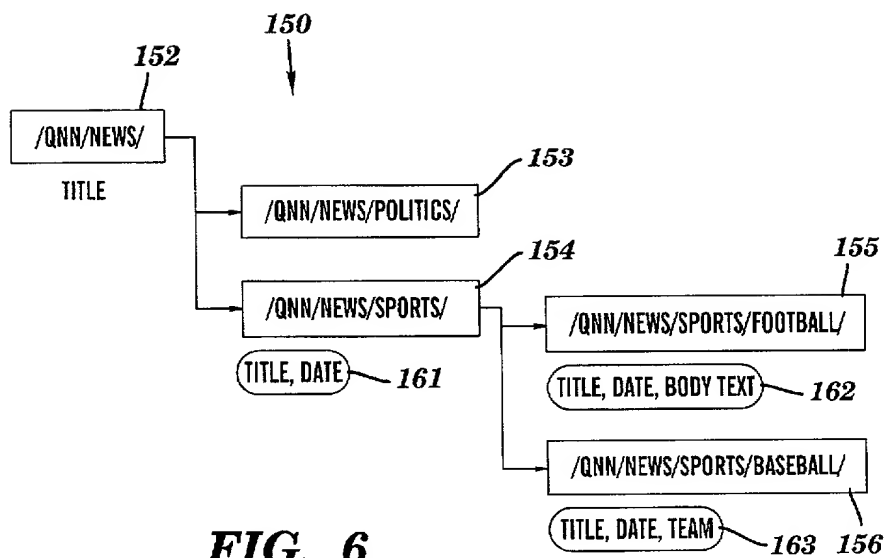
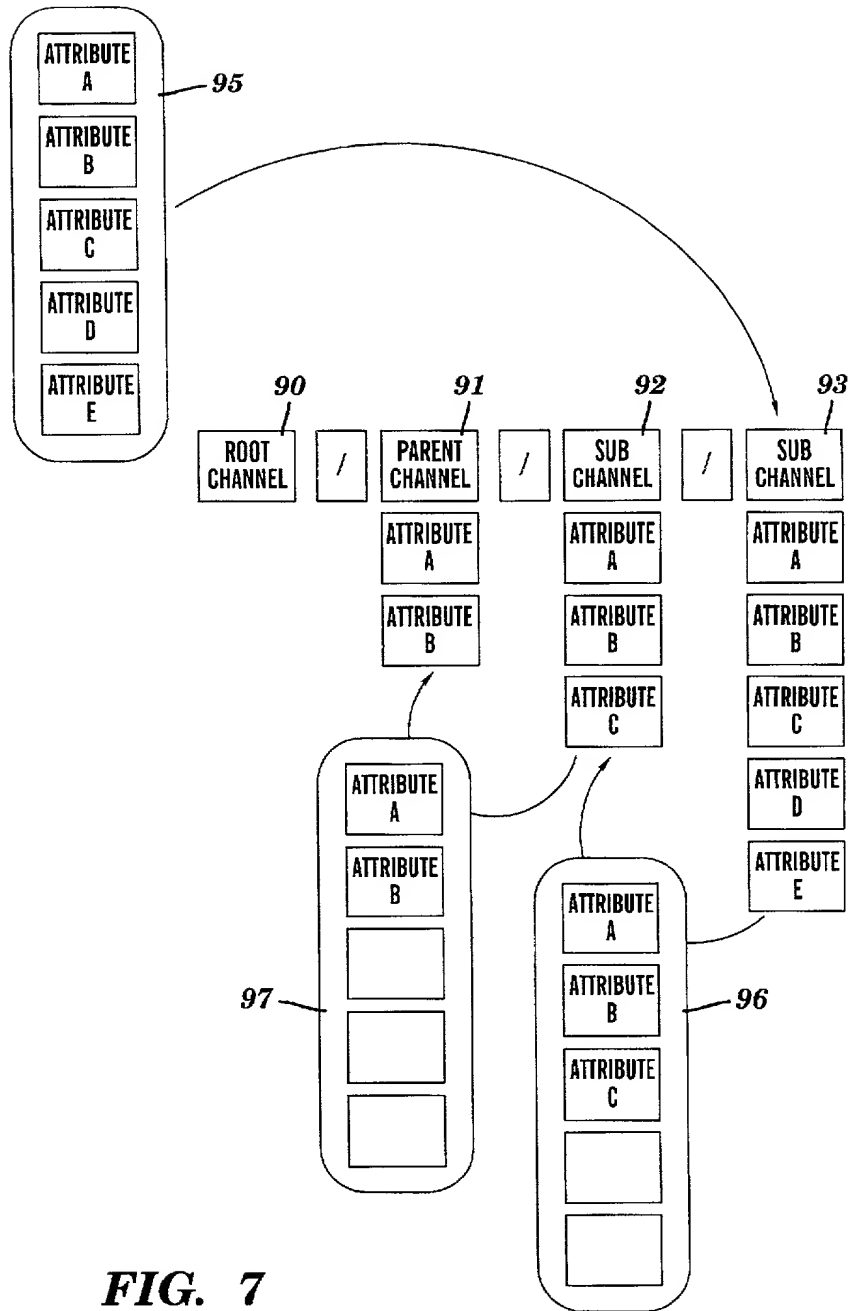


FIG. 6

**FIG. 7**

CONTENT-CACHE**GET /CLIENT-NAME/CHANNEL-PATH/TARGET-TYPE**

RETURNS A STATIC OBJECT SUCH AS A GRAPHICS FILE OR DOWNLOADABLE FILE.

BORDER EXECUTION**GET /CLIENT-NAME/CHANNEL-PATH/TARGET.JAVA**

A REQUEST FOR AN EXECUTABLE OBJECT RESULTS IN THE BORDER-EXECUTION OF THAT OBJECT. THESE ARE WRITTEN AS JAVA SERVLETS.

MESSAGING**GET /CLIENT-NAME/CHANNEL-PATH?METHOD & ATTRIBUTES...**

DIRECTLY REFERENCES A TOPIC. NOTE THERE IS NO FILE EXTENSION.

METHOD=CreateChannel
 CREATES A SUBCHANNEL OF THE CURRENT CHANNEL
 ATTRIBUTES: NAME OF SUBCHANNEL

METHOD=SubscribeChannel
 SUBSCRIBES THE CURRENT CHANNEL TO THE SPECIFIED CHANNEL
 ATTRIBUTES: NONE

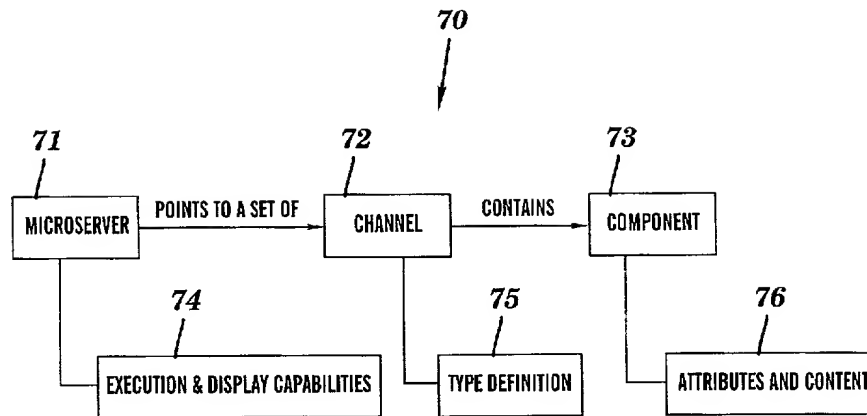
METHOD=UnsubscribeChannel
 UNSUBSCRIBES THE CURRENT CHANNEL FROM THE SPECIFIED CHANNEL
 ATTRIBUTES: NONE

METHOD=QueryChannel
 RETURNS DATA ABOUT CHANNEL AND SUBCHANNEL
 ATTRIBUTES: NONE

METHOD=DestroyChannel
 DESTROYS THE SPECIFIED CHANNEL
 ATTRIBUTES: NONE

METHOD=PublishObject
 NEW CONTENT IN THE CHANNEL NEEDS REFRESH
 ATTRIBUTES: PATH TO OBJECT THAT NEEDS REFRESH

FIG. 8

**FIG. 9**

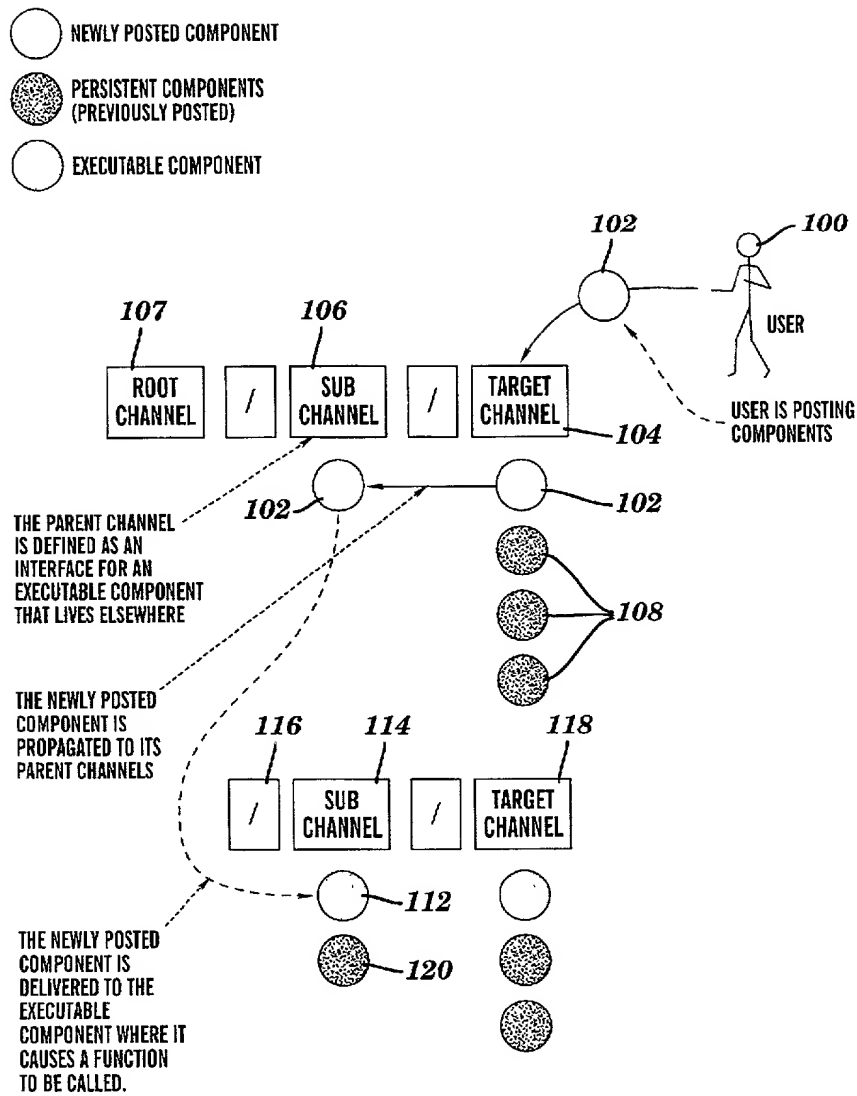
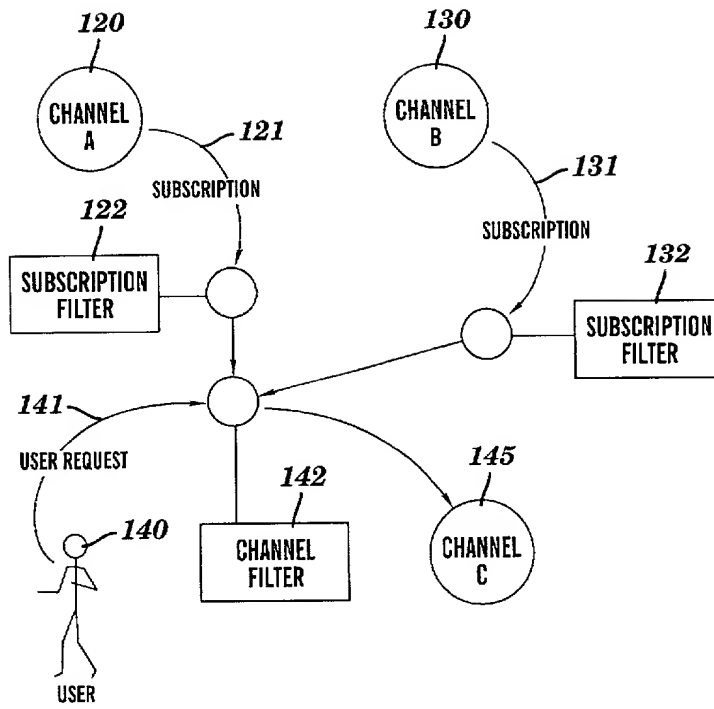
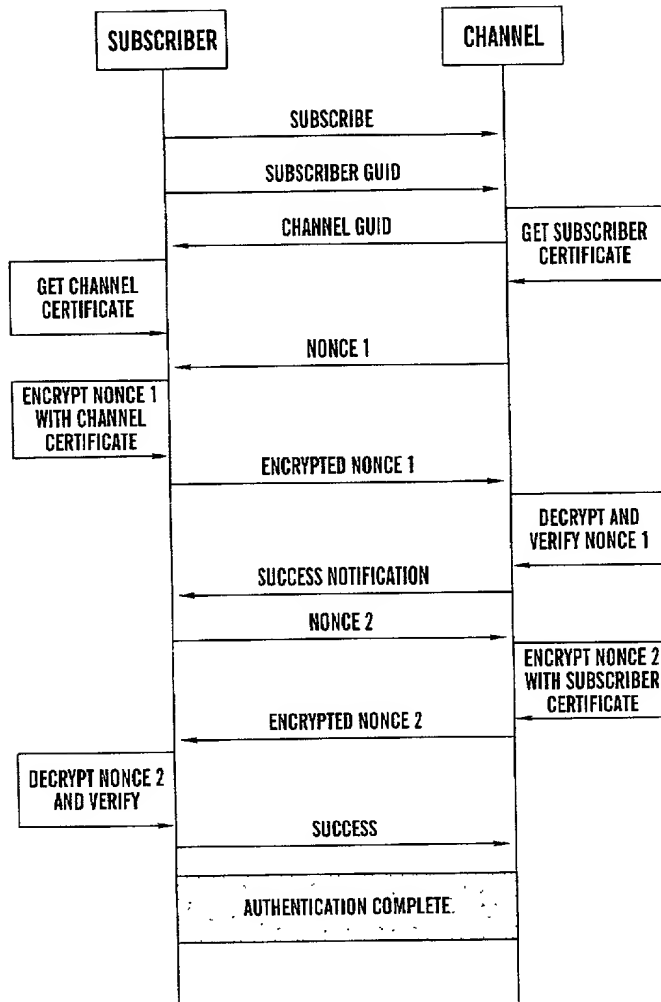
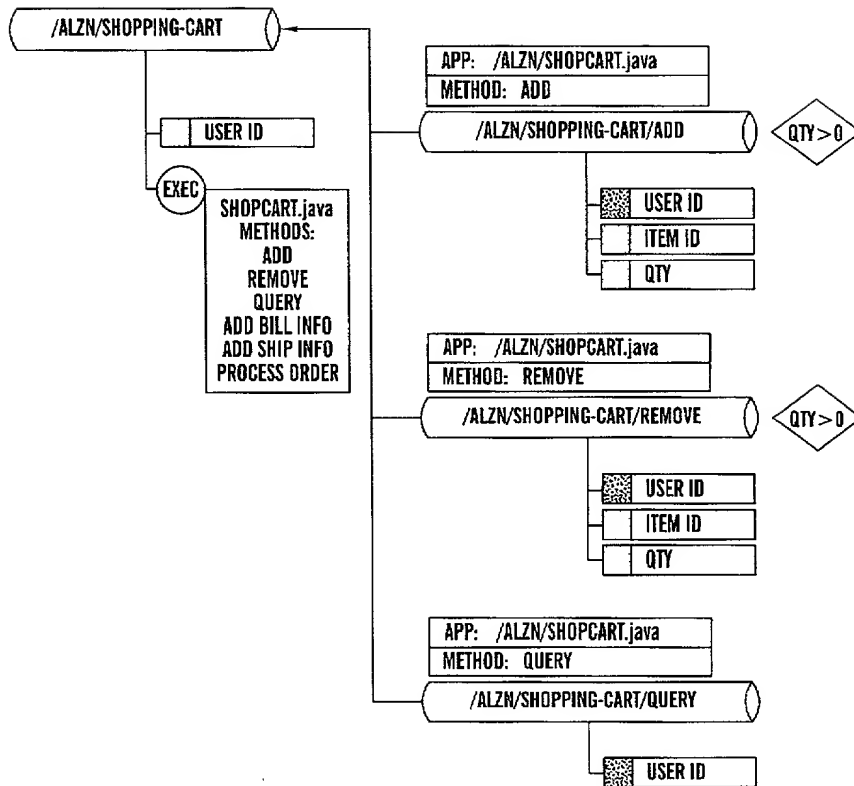


FIG. 10

**FIG. 11**

**FIG. 12**

**FIG. 13**

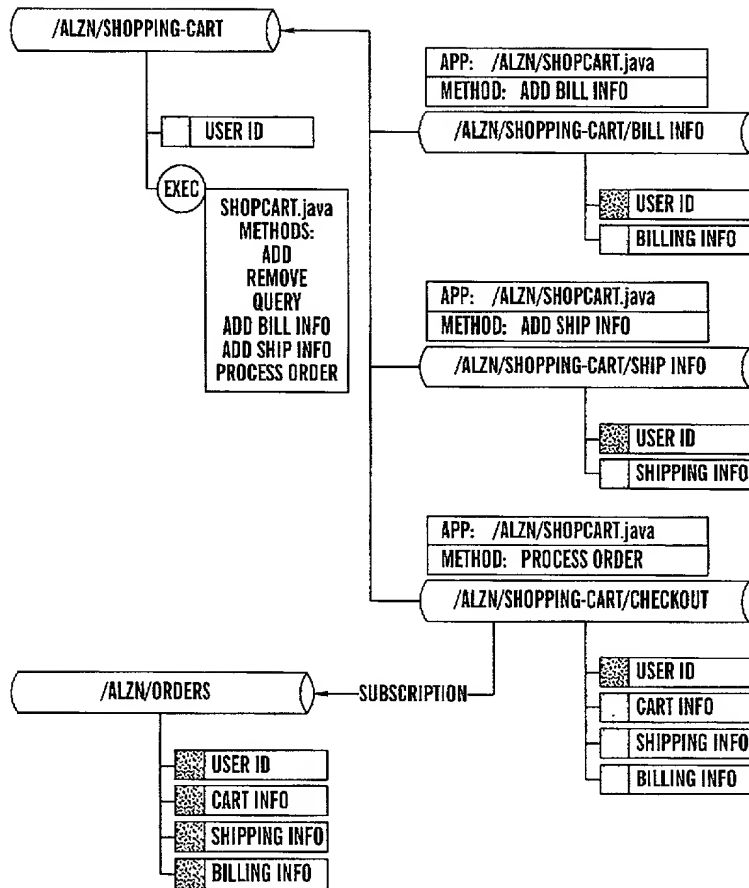
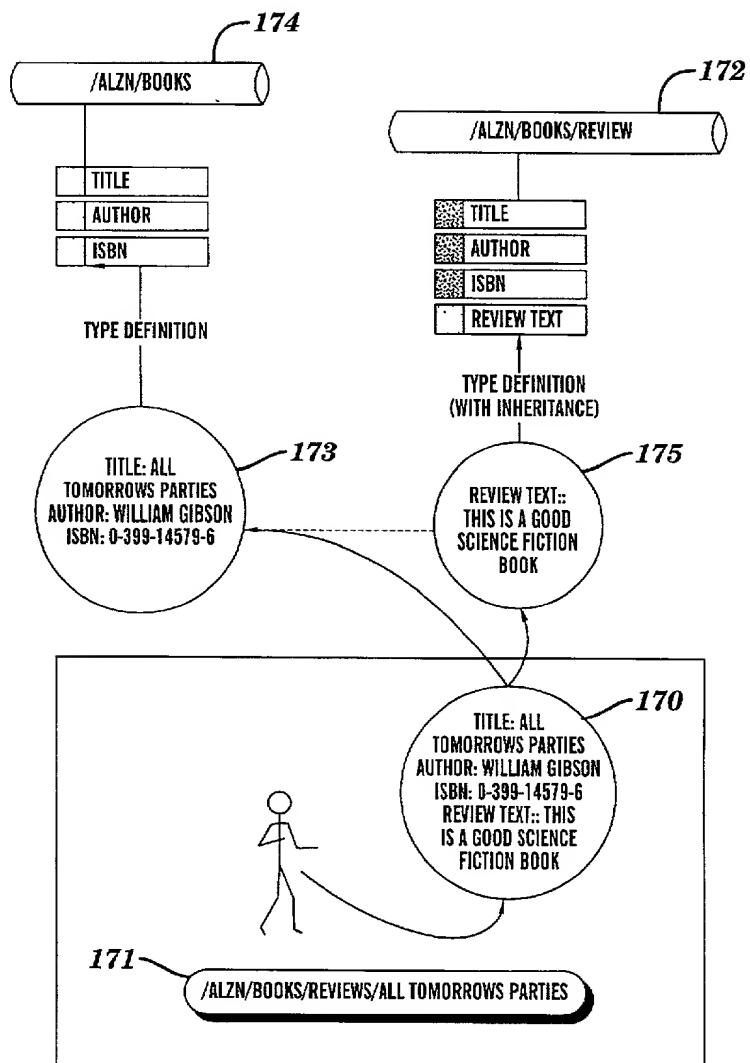
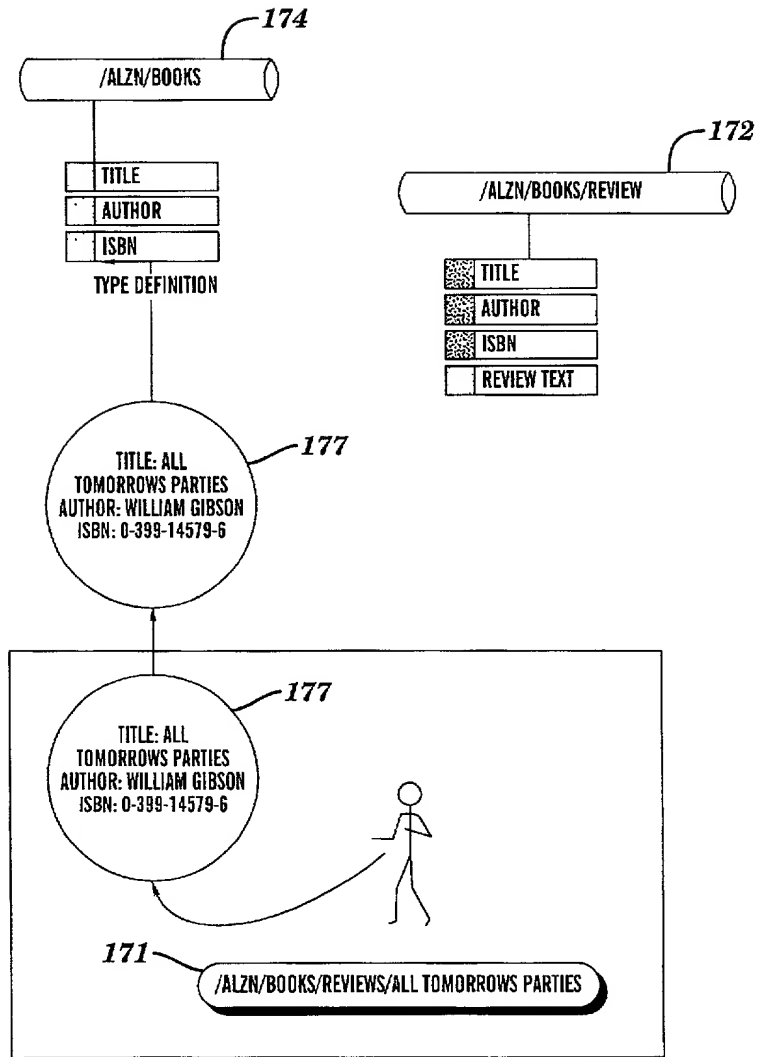


FIG. 14

**FIG. 15**

**FIG. 16**

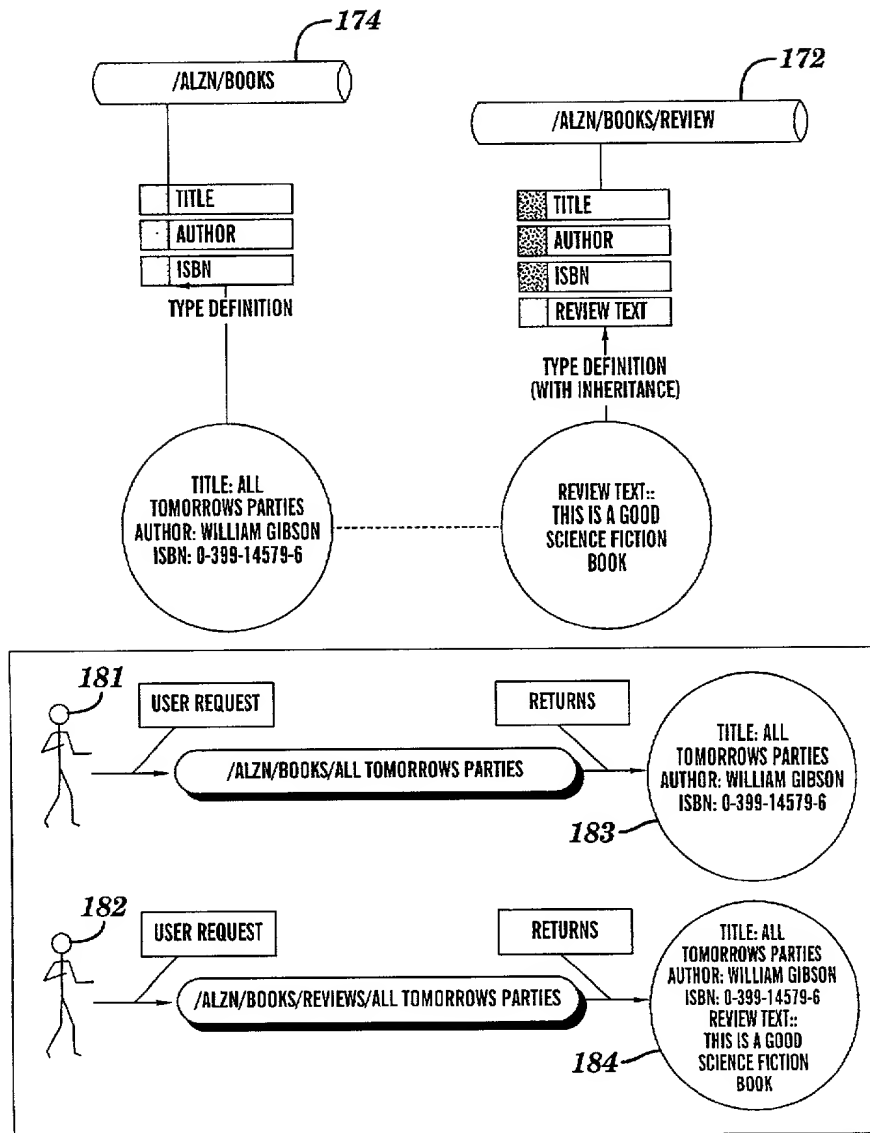


FIG. 17

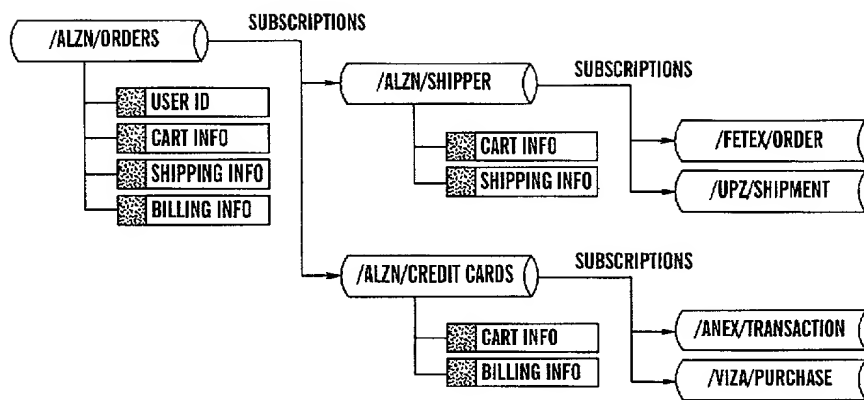


FIG. 18